

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masami ENDA, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: SYSTEM AND METHOD FOR CHEMICAL DECONTAMINATION OF RADIOACTIVE MATERIAL

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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RADIOACTIVE MATERIAL

STATEMENT OF RELEVANCY

Reference AO (9-159798) of Form PTO-1449:

A gas containing ozone is blown into a solution where decontamination and surfactant dissolve to make a bubble fluid, which is used for bubble decontamination.

Reference AP (7-140296) of Form PTO-1449:

A chelating agent solution containing contaminant decompose by electrolytic.

Reference AQ (5-209997) of Form PTO-1449:

A chelating agent solution containing contaminant decompose by ozone and ultraviolet light.

Reference AR (9-510784) of Form PTO-1449:

This invention calls for the iron complex in the solution to be reduced by irradiation with UV light, thus forming a dissolved iron salt and carbon dioxide which is given off.

Reference AS (2000-81498) of Form PTO-1449:

This chemical decontaminating method comprises an oxidation dissolving process wherein an oxide film is oxidation dissolved by ozone aqueous solution.

Reference AT (2002-250794) of Form PTO-1449:

An oxidation auxiliary suppressing the corrosion of the parent material of the decontamination object is added to the decontamination liquid in which the ozone is solved and is circulated.

Reference AU (2003-50296) of Form PTO-1449:

In the method, Fe^{3+} in the chemical decontamination liquid is reduced into Fe^{2+} at a cathode by electrolysis, and organic acid is decomposed by hydrogen peroxide.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

245768US0TTC

SERIAL NO.

New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Masami ENDA, et al.

FILING DATE

Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,287,002	09/01/81	John TOROK			
	AB	4,756,768	07/12/88	Horst-Otto BERTHOLDT, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	9-159798	06/20/97	Japan		X
	AP	7-140296	06/02/95	Japan		X
	AQ	5-209997	08/20/93	Japan		X
	AR	9-510784	10/28/97	Japan		X
	AS	2000-81498	03/21/00	Japan		X
	AT	2002-250794	09/06/02	Japan		X
	AU	2003-50296	02/21/03	Japan		X
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.